

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/31/2010

Ginger Hsu
Assistant District Attorney, Suffolk County

Dear ADA Hsu,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan & Stacey Desjardins.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Khan (Dookhan) was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us



DRUG RECEIPT

CC # _____
BOOK # _____
PAGE # _____

DESTRUCTION # _____

District/Unit Aseta, I

Name & Rank of Arresting Officer Do Smith, T ID# 11956

To be completed by ECU personnel only

Name and Rank of Submitting Officer W. L. Updike ID# 10015

Received by W.W. Date 8-25-10

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

* Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Stacey Lyn Desjardins

617-983-6632

stacey.felden@state.ma.us

EDUCATION	Master of Science—Forensic Science University of New Haven; West Haven, Connecticut May 2006 <ul style="list-style-type: none">• Concentration: Criminalistics• Certificate: Advanced Investigation
	Bachelor of Arts—Chemistry Monmouth College; Monmouth, Illinois May 2004 <ul style="list-style-type: none">• Graduated Cum Laude
EXPERIENCE	Chemist I Massachusetts Department of Public Health; Jamaica Plain, Massachusetts March 2009-present <ul style="list-style-type: none">• Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies• Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)• Provide expert testimony to local, state, and federal courts in Massachusetts
	Teaching/Graduate Assistant Monmouth College Chemistry Department University of New Haven Forensic Science Department January 2001-May 2006 <ul style="list-style-type: none">• Supervised labs and answered student questions• Performed demonstrations using forensic techniques and chemicals
	Additional work experience and references available upon request
TRAINING	2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends
	2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst
	2005: Internship with the New Hampshire State Crime Lab
COURSEWORK	Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

No. [REDACTED]

Date Analyzed: 11-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 4 Cont: pb

Date Rec'd: 08/25/2010

No. Analyzed: 1

Gross Wt.: 4.69

Net Weight: 0.09g
Tests: 4 SLD

2A30

Prelim: heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXXAGENCY BostonANALYST SLDNo. of samples tested: 1Evidence Wt. ✓

PHYSICAL DESCRIPTION: - signed + sealed
- light brown powdery ^{sub} substance in 4 ~~double~~ bagged ^{triple} pbs

Gross Wt (4): 1.1236g
Gross Wt (1): 0.2955g
Pkg. Wt: 0.1983g
Net Wt: 0.0972g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () ⊕
Marquis ⊕
Froehde's ⊕
Mecke's ⊕

Microcrystalline Tests

Gold Chloride _____
TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS heroinDATE 11-17-10

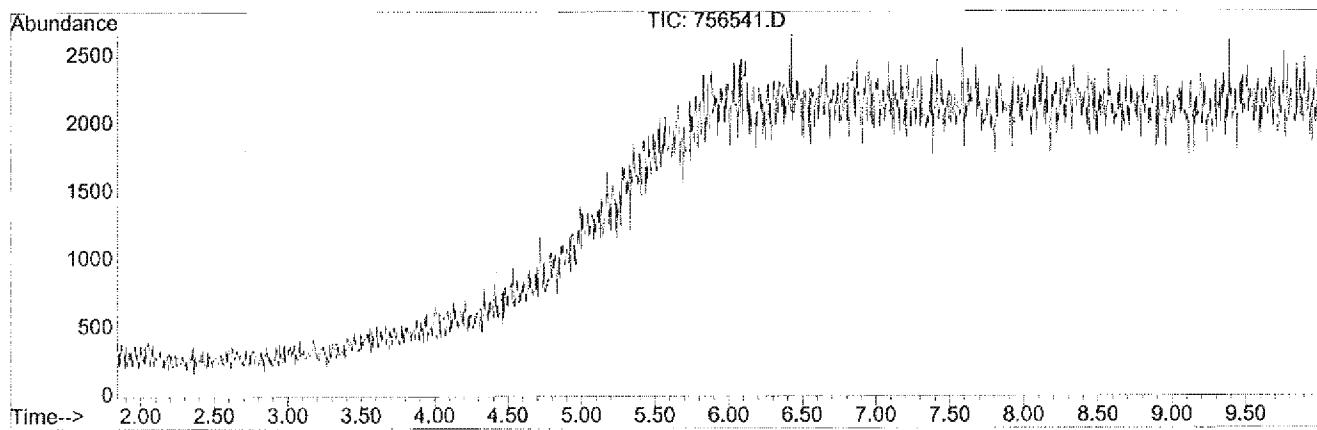
GC/MS CONFIRMATORY TEST

RESULTS heroinMS OPERATOR ASDDATE 11-24-10

Information from Data File:

File Name : J:\11_22_10\756541.D
Operator : ASD
Date Acquired : 23 Nov 2010 10:33
Sample Name : BLANK
Submitted by : SLD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

1/29/10
12/29/10



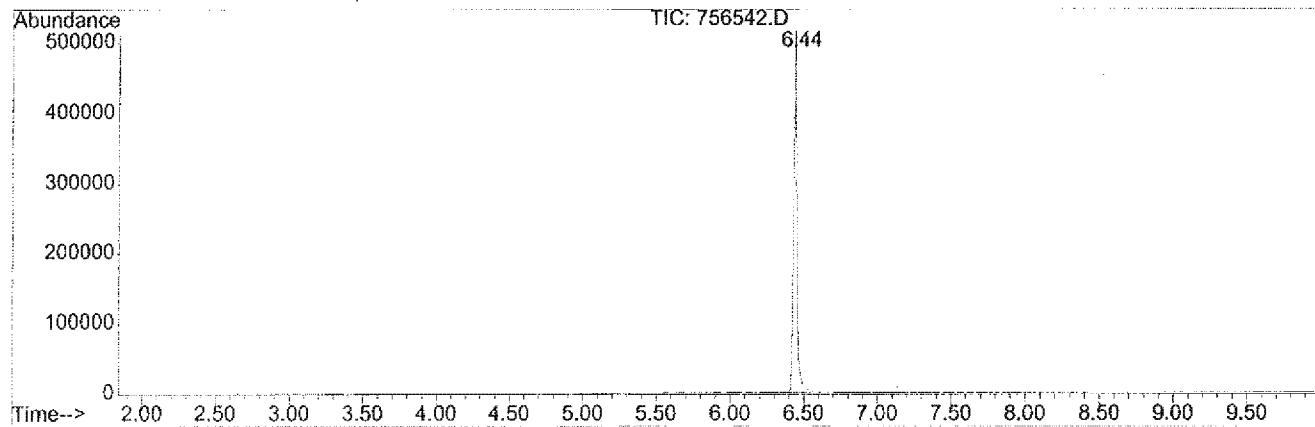
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756542.D
Operator : ASD
Date Acquired : 23 Nov 2010 10:46
Sample Name : HEROIN STD
Submitted by : SLD
Vial Number : 42
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.438	800637	100.00	100.00

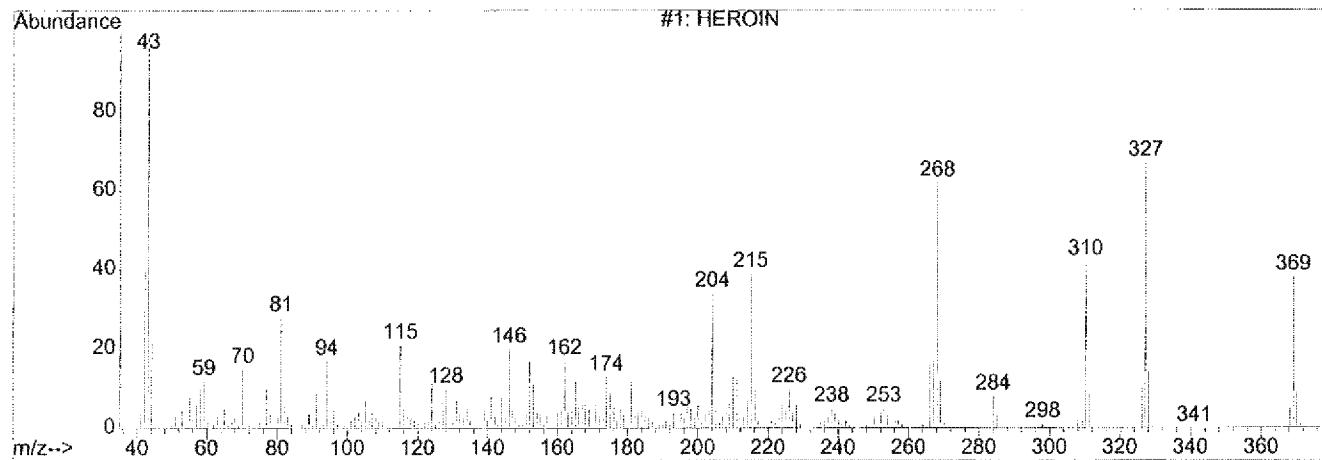
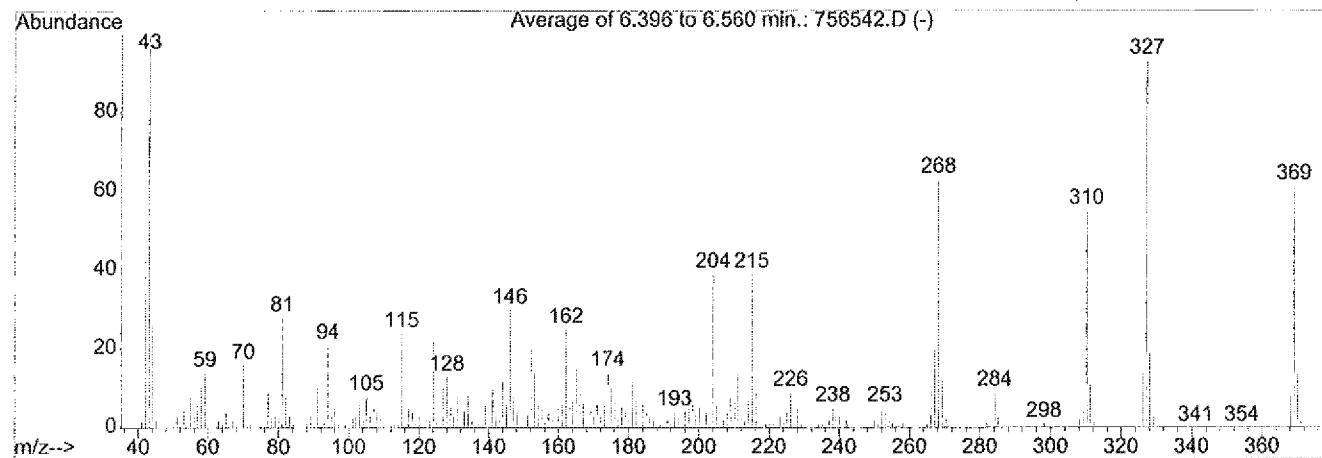
Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756542.D
Operator : ASD
Date Acquired : 23 Nov 2010 10:46
Sample Name : HEROIN STD
Submitted by : SLD
Vial Number : 42
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

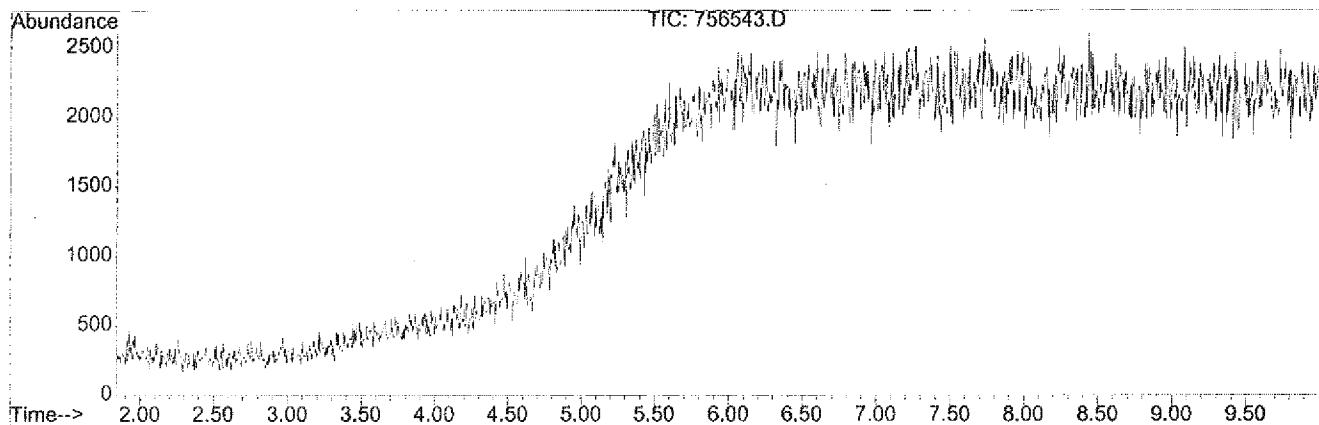
PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756543.D
Operator : ASD
Date Acquired : 23 Nov 2010 10:58
Sample Name : BLANK
Submitted by : SLD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



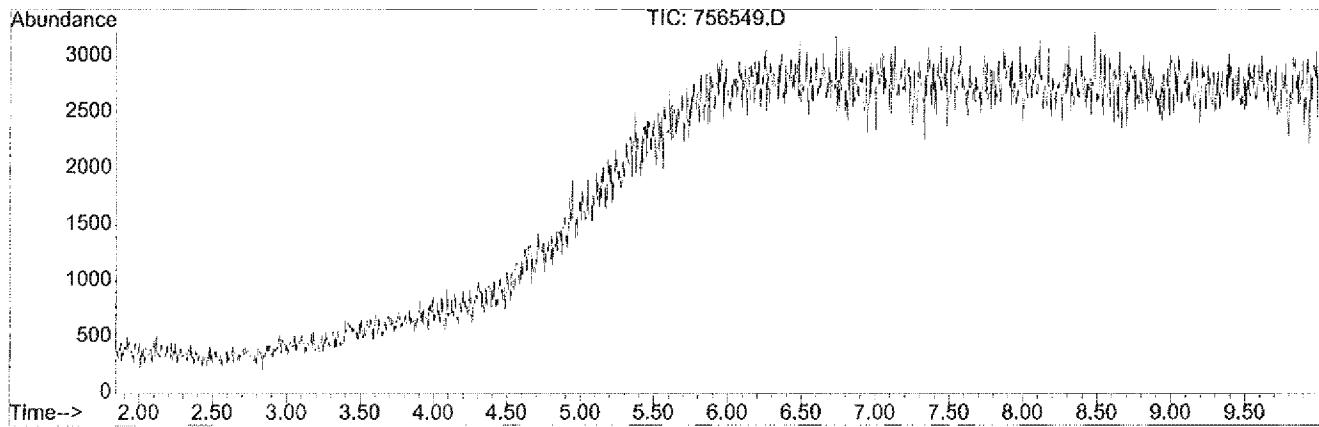
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756549.D
Operator : ASD
Date Acquired : 23 Nov 2010 12:14
Sample Name : BLANK
Submitted by : SLD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



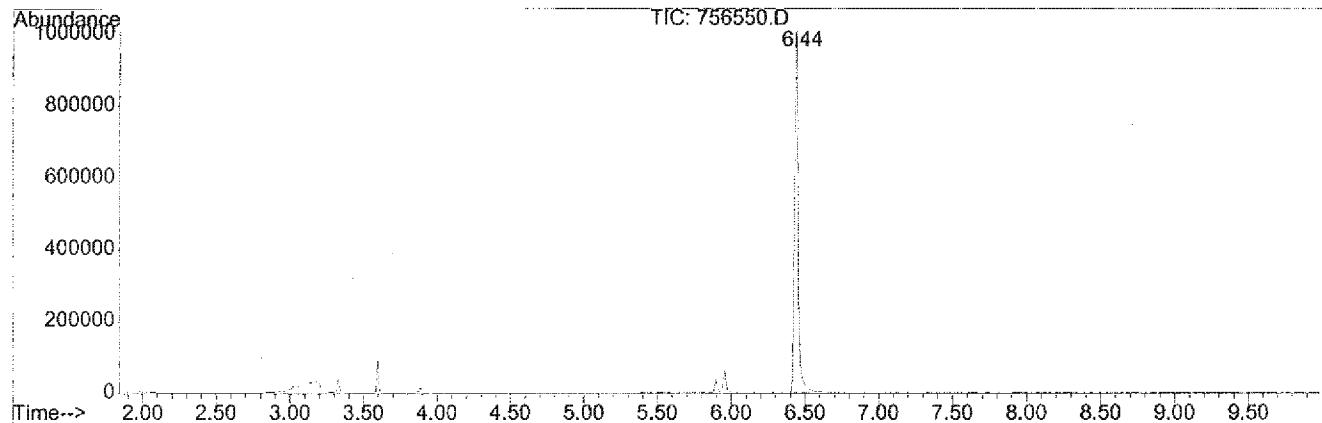
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756550.D
Operator : ASD
Date Acquired : 23 Nov 2010 12:26
Sample Name : XXXXXXXXXX
Submitted by : SLD
Vial Number : 50
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.438	1675860	100.00	100.00

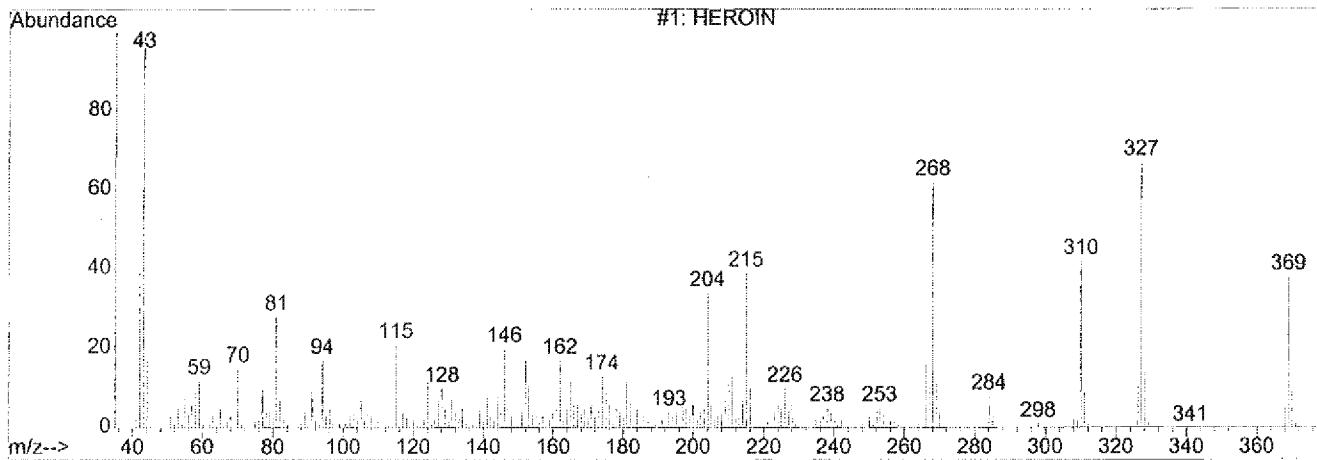
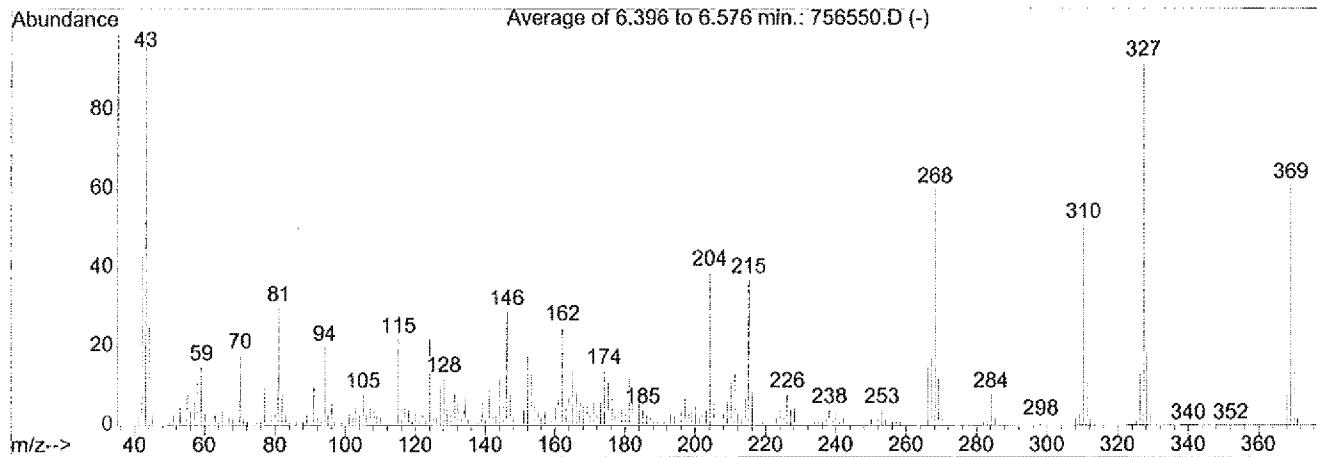
Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756550.D
Operator : ASD
Date Acquired : 23 Nov 2010 12:26
Sample Name : XXXXXXXXXX
Submitted by : SLD
Vial Number : 50
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

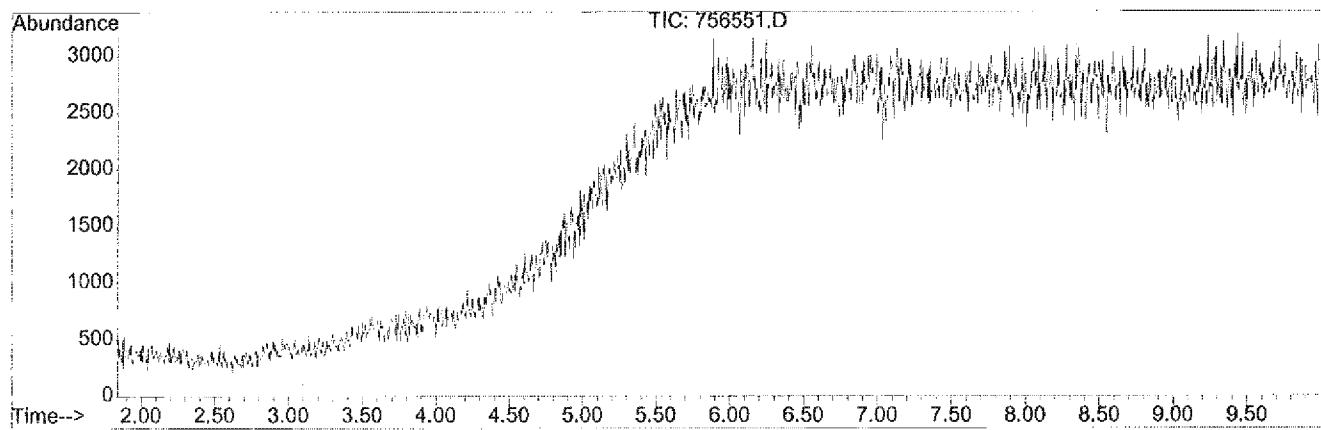
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756551.D
Operator : ASD
Date Acquired : 23 Nov 2010 12:39
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



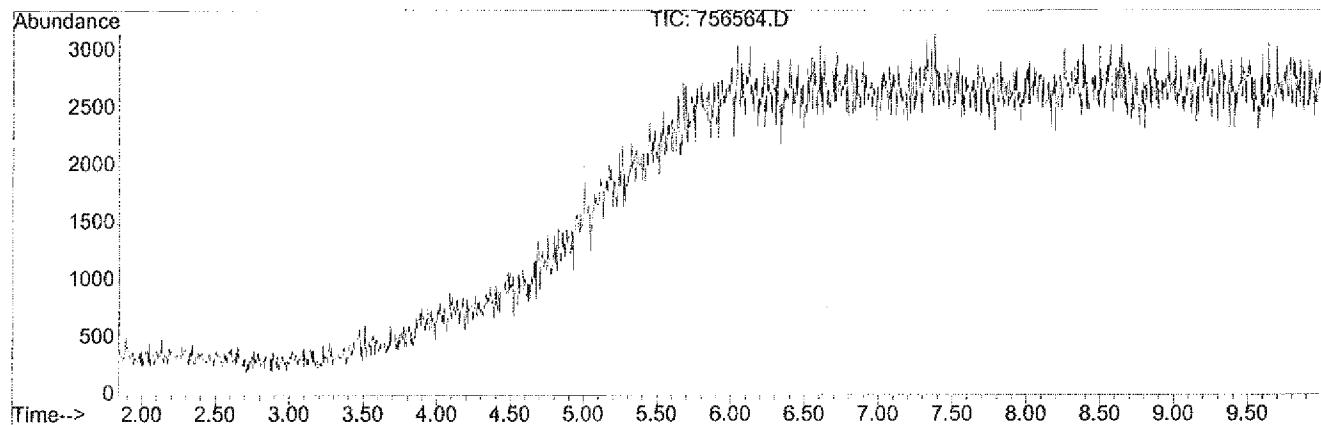
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756564.D
Operator : ASD
Date Acquired : 23 Nov 2010 15:24
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



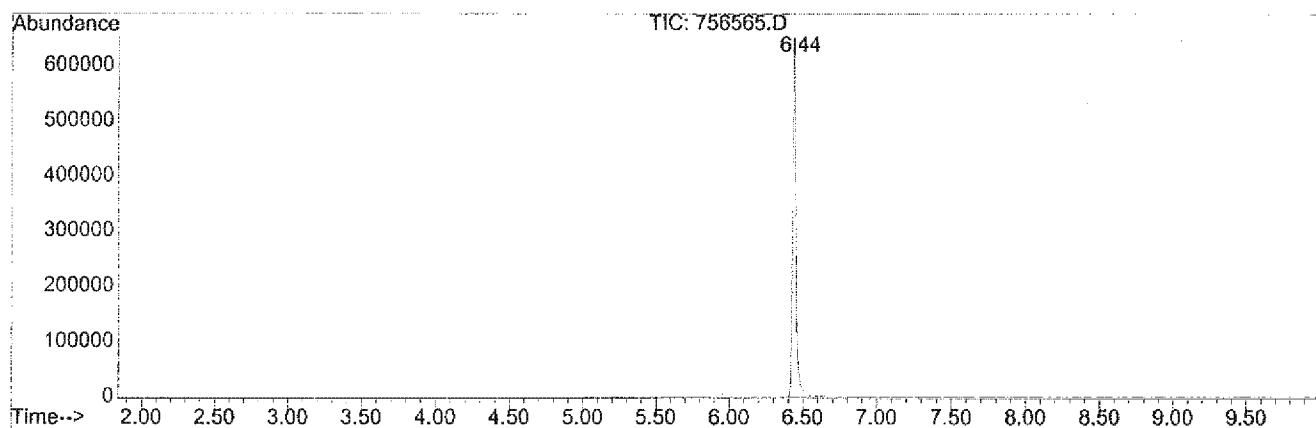
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756565.D
Operator : ASD
Date Acquired : 23 Nov 2010 15:37
Sample Name : HEROIN STD
Submitted by : SLD
Vial Number : 65
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.439	997099	100.00	100.00

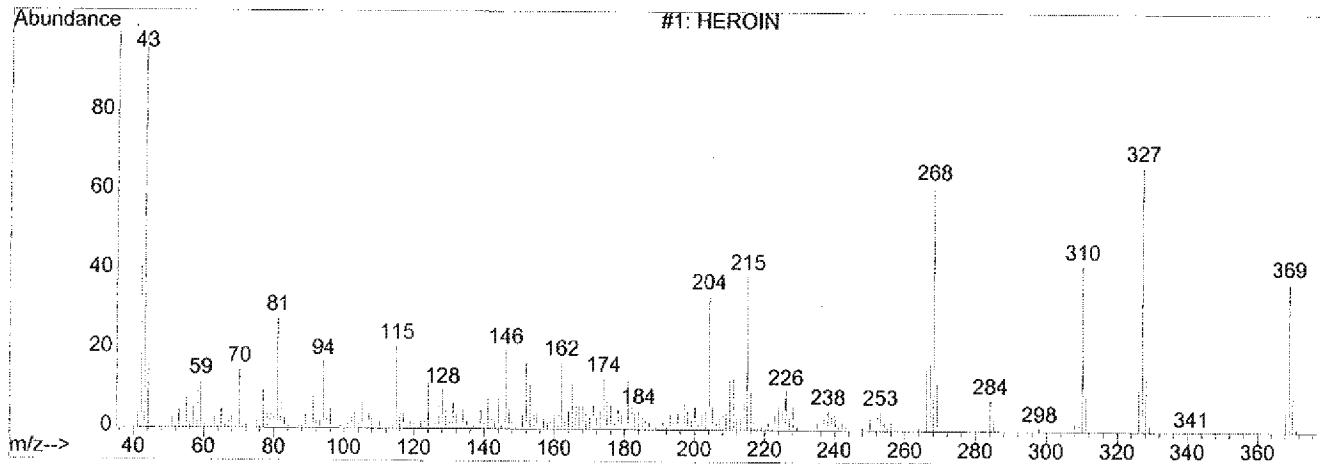
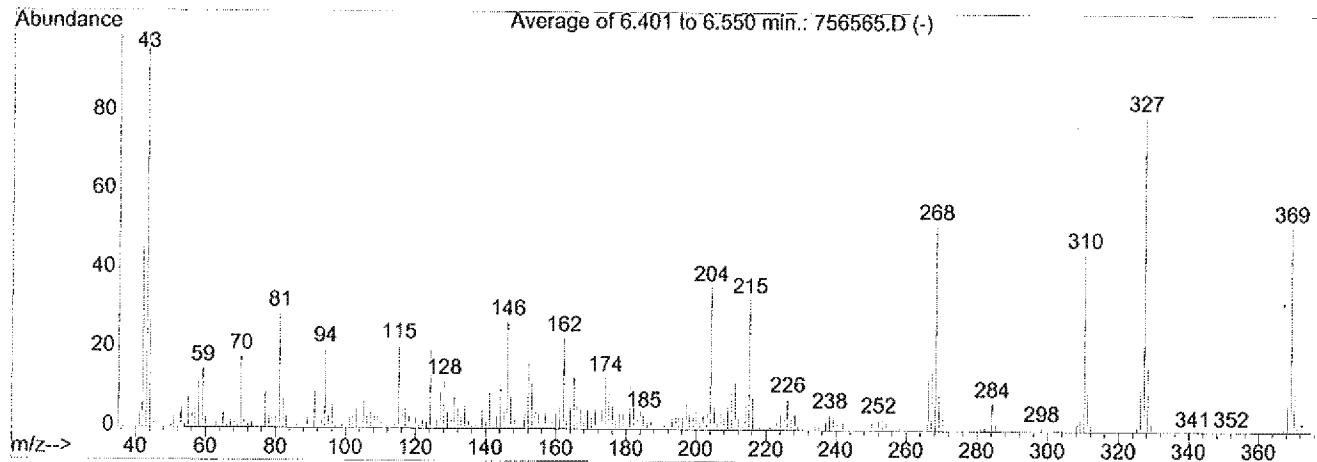
Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756565.D
Operator : ASD
Date Acquired : 23 Nov 2010 15:37
Sample Name : HEROIN STD
Submitted by : SLD
Vial Number : 65
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

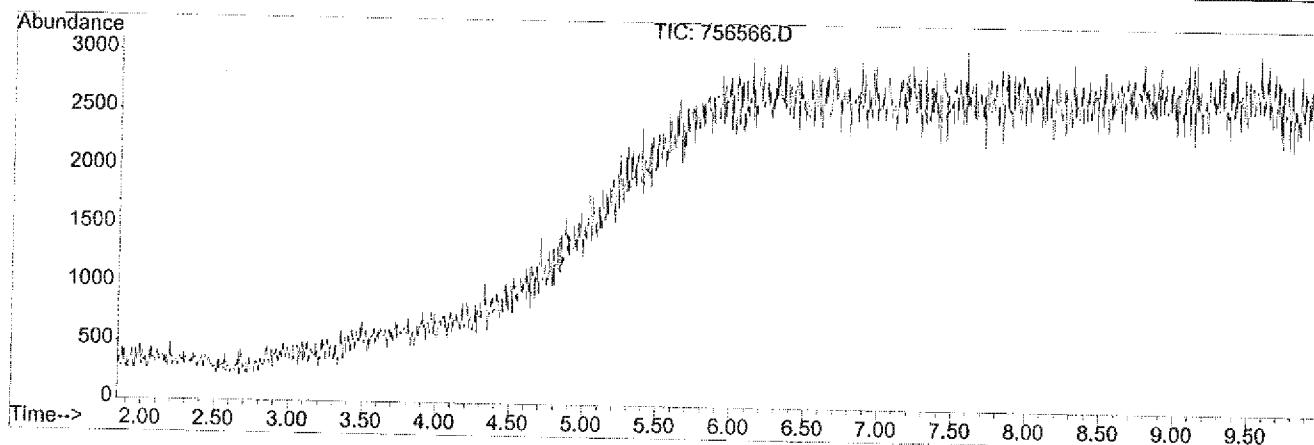
PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\11_22_10\756566.D
Operator : ASD
Date Acquired : 23 Nov 2010 15:49
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS